INCH-POUND

MIL-C-83517
AMENDMENT 2
9 December 1993
SUPERSEDING
AMENDMENT 1
29 March 1991

MILITARY SPECIFICATION

CONNECTOR, COAXIAL, RADIO FREQUENCY FOR COAXIAL,
STRIP OR MICROSTRIP TRANSMISSION LINE

GENERAL SPECIFICATION FOR

This amendment forms a part of MIL-C-83517, dated 20 September 1982, and is approved for use by all Departments and Agencies of the Department of Defense.

PAGE 2

2.1.1, standards, military, following MIL-STD-202, add the following:

"MIL-STD-790 - Reliability Assurance Program for Electronic Parts Specifications."

PAGE 3

2.2, following the American Society for Testing and Materials address, add the following:

"ELECTRONIC INDUSTRIES ASSOCIATION (EIA)

EIA 557 - EIA Standard Implementation of Statistical Process Control (SPC) in Manufacturing Process.

(Application for copies should be addressed to the Electronic Industries Association, Engineering Office, 2001 Eye Street, N.W., Washington, DC 20006.)"

Add the following paragraph:

"3.2.1 Product assurance requirements. The product assurance requirements of the connector sources furnished under this specification shall be established and maintained in accordance with the procedures and requirements specified in MIL-STD-790 with details specified to 4.1.2."

PAGE 5

3.23, delete and substitute:

"3.23 Marking. Connectors and associated fittings shall be permanently and legibly marked in accordance with the general marking requirements of MIL-STD-130 with the military part number (see 1.2.1), manufacturer's federal supply code, and final assembly date code. The marking location is optional. When practicable, a location should be picked that will least likely be covered in cable assembly or installation."

Add the following paragraph:

"3.23.1 JAN and J marking. The United States Government has adopted, and is exercising legitimate control over the certification marks "JAN" and "J", respectively, to indicate that items so marked or identified are manufactured to, and meet all the requirements of military specifications. Accordingly, items acquired to, and meeting all of the criteria specified herein and in applicable specifications shall bear the certification mark "JAN" except that items too small to bear the certification mark "JAN" shall bear the letter "J". The "JAN" or "J" shall be placed immediately before the part number except that if such location would place a hardship on the manufacturer in connection with such marking, the "JAN" or "J" may be located on the first line above or below the part number 1/. Items furnished under contracts or orders which either permit or require deviation from the conditions or requirements specified herein or in applicable specifications shall not bear "JAN" or "J". In the event an item fails to meet the requirements of this specification and the applicable specification sheets or associated detail specifications, the manufacturer shall remove the "JAN" or the "J" from the sample tested and also from all items represented by the sample. The "JAN" or "J" certification mark shall not be used on products acquired to contractor drawings or specifications. The United States Government has obtained Certificate of Registration Number 504,860 for the certification mark "JAN"."

Add the following paragraph:

"4.1.2 Product assurance program. A product assurance program shall be established and maintained in accordance with MIL-STD-790. Evidence of such compliance shall be verified by the qualifying activity of this specification as a prerequisite for qualification and continued qualification."

Add the following footnote at the bottom of the page:

"
1/ The "JAN" or "J" is not part of the part number but indicates a certification."

PAGE 7

TABLE II, the following new note 2/ shall apply to the following tests; RF high potential withstanding voltage, RF leakage and RF transmission loss:

"2/ These tests are only to be performed during initial qualification, as long as the qualifying design and manufacturing process does not change."

PAGE 10

TABLE V, delete the following tests from the table: "RF high potential withstanding voltage, RF leakage and RF transmission loss."

CONCLUDING MATERIAL

Custodians:
Army - CR
Navy - EC
Air Force - 85

Review activities:
Army - AR, AT, MI
Navy - AS, MC, SH
Air Force - 19, 99
DLA - ES

Preparing activity:
Air Force - 85

Agent:
DLA - ES

(Project 5935-3969)